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TI Cement-based hydraulic compositions, fiber-reinforced cured
hydraulic products, and method for their on-site placing
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PA Kuraray Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
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DT Patent
LA Japanese
IC ICM C04B028-02
ICS C04B016-06; C04B111-20
CC 58-3 (Cement, Concrete, and Related Building Materials)
Section cross-reference(s): 40
FAN.CNT 1

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PRAI	JP 2000-58598	A	20000303		

AB The compns. comprise cement-based hydraulic materials contg.
silica fume, blast-furnace slag, and/or fly ash (C)
750-1300, aggregates (S) 400-1100, water (W) 270-420 kg/m³, and
reinforcement fibers having fineness 55-270 dtex and satisfy 2.625 -
0.0075X .1toreq. Y .1toreq. 3.375 - 0.0075X and 47Y + W = 253 - 47Y + 293,
where Y = C/S. Hardened products of the compns. and on-site placing of
the compns. and the products are also claimed. The products have high
toughness and resistance to vibration.
ST cement hydraulic product fiber reinforced; vibration
resistant fiber reinforced mortar; blast furnace slag fiber reinforced
cement; fly ash fiber reinforced
cement; silica fume fiber reinforced cement
IT Cement (construction material)
(Cement-based hydraulic compns., fiber-reinforced cured
hydraulic products, and method for their on-site placing)
IT Vinal fibers